"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETOSHINA, L.N.

KAZANKIN, O.N.; PETOSHINA, L.N.

Effect of temperature on electroluminescence of powder luminophors.
Opt. i spektr. 4 no.1:76-82 Ja '58. (MIRA 11:3)

1. Gosudarstvennyy institut prikladnoy khimii.
(Luminescence)

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PETOSHINA, L. N.

KAZANKIN, O.N.; PEKERMAN, F.M.; PETOSHINA, L.N.

Zinc sulfide-base electroluminophors. Izv. AN SSSR. Ser. fiz. 21 no.5:721-731 My '57. (MLRA 10:8)

1. Gosudarstvennyy institut prikladnoy khimii.
(Luminescence--Congresses) (Phosphors--Congresses)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETOV V. D.

BULGARIA/Pharmacology and Toxicology. Analeptics. V

Abs Jour: Ref Zhur-Biol., No 19, 1958, 89858.

Author : Petov, V.D.
Inst : Institute of Experimental Medicine, Bulgarian Academy of Sciences.
Title : Ginseng as a Stimulant of the Cerebral Cortex. Experiments on White Rats.

Orig Pub: Izv. In-ta eksperim. med. Blg. AN, 1957, 2, 485-512.

Abstract: Oral administration of 0.15 ml/kg of a preparation of the root of ginseng (G) to rats in a number of cases had a tonic effect upon the weakened activity of the cerebral cortex of old animals, with a simultaneous improvement of the processes of excitation and inhibition; occasionally, however, a condition of defensive

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PETOVARI, Marton (Budapest)

Praise in the name of fans. Auto motor 11 no.22:31 1 D '58.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

SEVARLIC, B. M.; TELEKI, G.; PETOVIC, Z.; DJOKIC, M.[Dokic]

Observations with the 110 mm. zenith telescope at the Latitude Service of the Observatory of Belgrade. Bul Obs Beograd 24 no.3/4:6 1959 (pub. '60) (EEAI 10:9)

(Astronomy) (Telescope) (Latitude)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

SEVARLIC, B.; TELEKI, G.; PETOVIC, Z.; DJOKIC, M. [Dokic, M.]

Observations by zenithal telescope of 110 mm. of the Latitude Service of the Observatory. Bul Obs Beograd 24 no.1/2:2-3 '59. (published 1960) (EEAI 9:9)

(Yugoslavia--Astronomy)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETOVIC, Z, AND OTHERS.

PETOVIC, Z, AND OTHERS, Observations with the 110-mm zenithal telescope made by the Laititude Service of the Observatory during the last two quarters of 1953. p. 3.

Vol. 19, no. 1, 1954
BULLETIN
SCIENCE
Beograd.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), LC, Vol. 19, NO. 1, Sept. 1954, Uncl.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETOVIC, Z.

and others. Observations with the 110-m zenithal telescope made by the Latitude Service of the Observatory during the first two quarters of 1954. p. 4. BULLETIN, Beograd, Vol. 19, no. 2, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETOVSKA, E.

Perinatal mortality in breech presentation delivered by the classical method. Cesk.gyn. 15 no.11:770-791 1950. (CIML 20:6)

1. Author is Acting Head-Physician of the Clinic.

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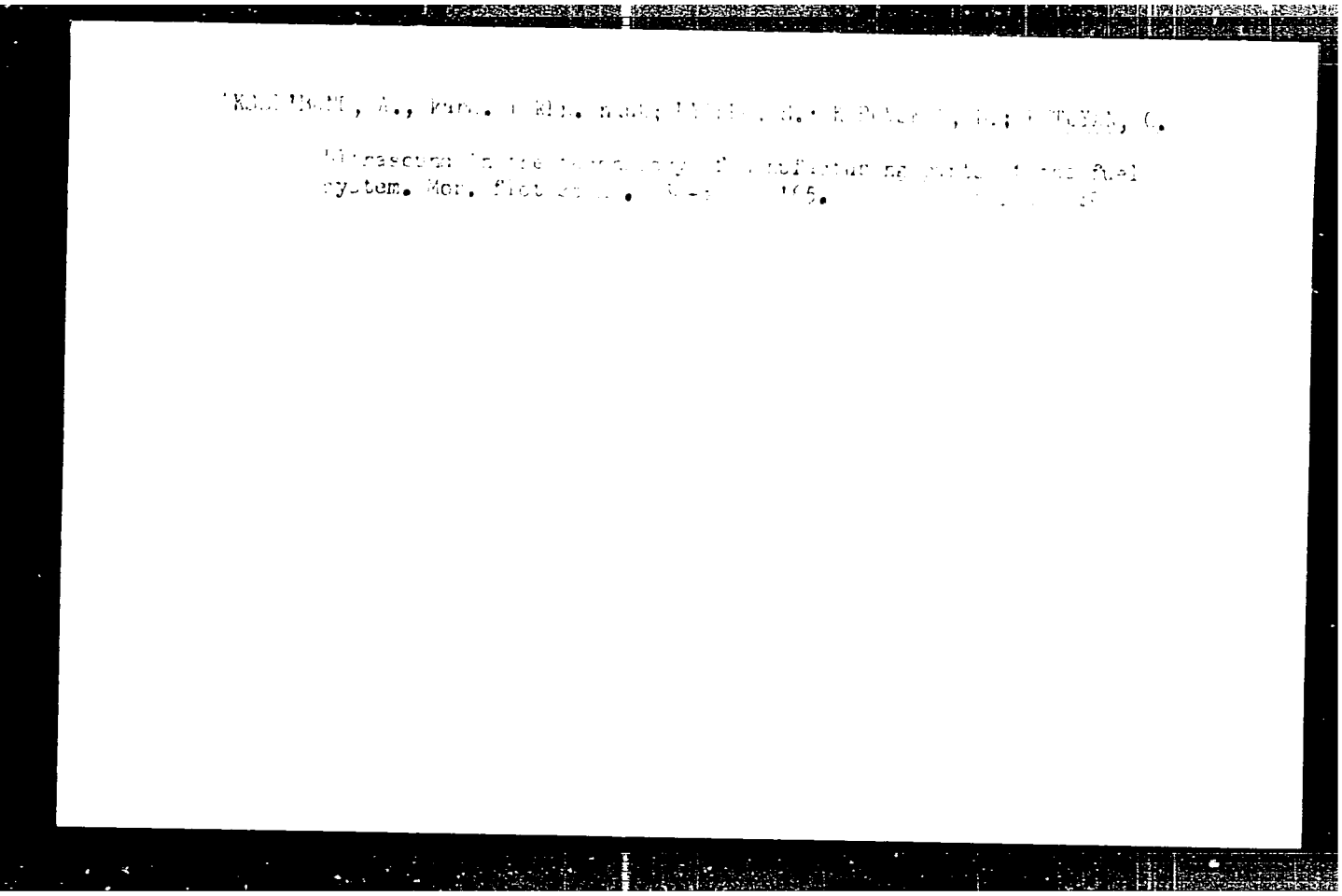

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Adolf

Complementary devices of the Tesla step-by-step automatic telephone system. Cs spoje 10 no.1:12-17 F '65.

1. Municipal Administration of Telecommunications, Prague.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, E.

Tatra 138 autotrucks. Tech prace 15 no.9:690-691 S'63.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Eduard

Modernization of trucks. Silnice doprava 11 no. 12: 18-20 D '63.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Eduard

One hundred ten years of the Koprivnice Tatra Factory.
Tech praca 15 no. 6: 467 Je '63.

1. Tatra, n.p., Koprivnice.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, G.

CZECH

Reconvalescent and hyperimmune beef serums in hoof and mouth disease. I. Brdička's filtrate reaction. G. Petr and J. Bohák (Bioveta, Terezín, Czech.). *Vet. Časopis* 3, 133–40(1954).—The polarographic wave of the filtrate rises on the 3rd day after the infection, reaches the max. between the 6th and 9th day and then slowly sinks. The substances responsible for Brdička's reaction are present in the albumin fraction pptd. by half-satn. with $(NH_4)_2SO_4$. II. Polarographic investigation of the albumin. *Ibid.* 140–5.—The fall of albumin (I) begins on the 5–7th day, reaches a min. on the 10–18th day, then amounts to 65–75% of the original concn. III. Polarographic investigation of γ-globulin. *Ibid.* 145–51.—The rise of γ-globulin (II) begins on the 8–11th day and reaches a max. in 3 weeks, amounting to 190–230% of the original concn. IV. Total serum proteins. *Ibid.* 151–5.—The level of total serum proteins (III) parallels that of its constituents. At the time of the max. rise of II, III also reach max. values amounting to 118% of the original amt.

L. J. Urbánek

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Ivo, inz.

Some instrumental methods of linear system stability examination. Automatice 6 no.11:269-274 N '63.

1. Geofyzikalni zavod Ustredni spravy vyzkumu a tezby radioaktivnich surovin.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

L 30067-66

ACC NR: AP6020604 SOURCE CODE: CZ/0038/65/000/010/0384/0387

AUTHOR: Petr, Ivo

ORG: Geophysical Department, Central Administration for the Research and Mining of Radioactive Raw Materials, Ostrov (Geofyzikalni zavod Ustredni spravy pro vyzkum a tezbu radioaktivnich surovin)

TITLE: Transistorized low threshold discriminator

SOURCE: Jaderna energie, no. 10, 1965, 384-387

TOPIC TAGS: frequency discriminator, transistorized circuit, circuit design

ABSTRACT: The author describes an instrument of his design that has a high stability and a high sensitivity. The basic circuit, and the main circuit are described and illustrated. Results obtained during experimental measurements are evaluated. The instrument is suitable both for laboratory and for industrial applications. This paper was presented by J. Plch. Orig. art. has: 9 figures and 2 formulas. [JPRS]

SUB CODE: 18, 14, 13 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 002
SOV REF: 002

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UDC: 539.12.075: 621.389.9

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

RESL, Jaroslav, inz.; PETR, Ivo, inz.

A synchroscope for examination of very fast processes. Slaboproudy obzor 23 no.11:621-625 N '62.

1. Fakulta technicke a jaderne fyziky, Ceske vysoke uceni technicke, Praha (for Resl). 2. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez u Prahy (for Petr).

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Ivo, inz.; KRTEN, Otakar, inz.

Electronic instrument for automatic plotting of vector transfer lines of linear systems. Slaboproudy obzor 24 no.4:200-203 Ap '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Ivo

Possibility of oscilloscopic measurement of short time intervals and short pulses. Jaderna energie 9 no.3:77-80 Mr '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez u Prahy.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Ivo

Author: Petr, Ivo

Title: "A Semiconductor Level Tester of Radioactivity."

Source: Prague, [illegible], Vol IX, No 8, 1961, p 459.

Abstract: The unit consists of a detector of radiation, amplifier, and relay, which connects the secondary circuit. It has a long life, small size, and simplicity.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Ivo

A transistorized radioactivity tester. Sdel tech 9 no.8:309 Ag '61.

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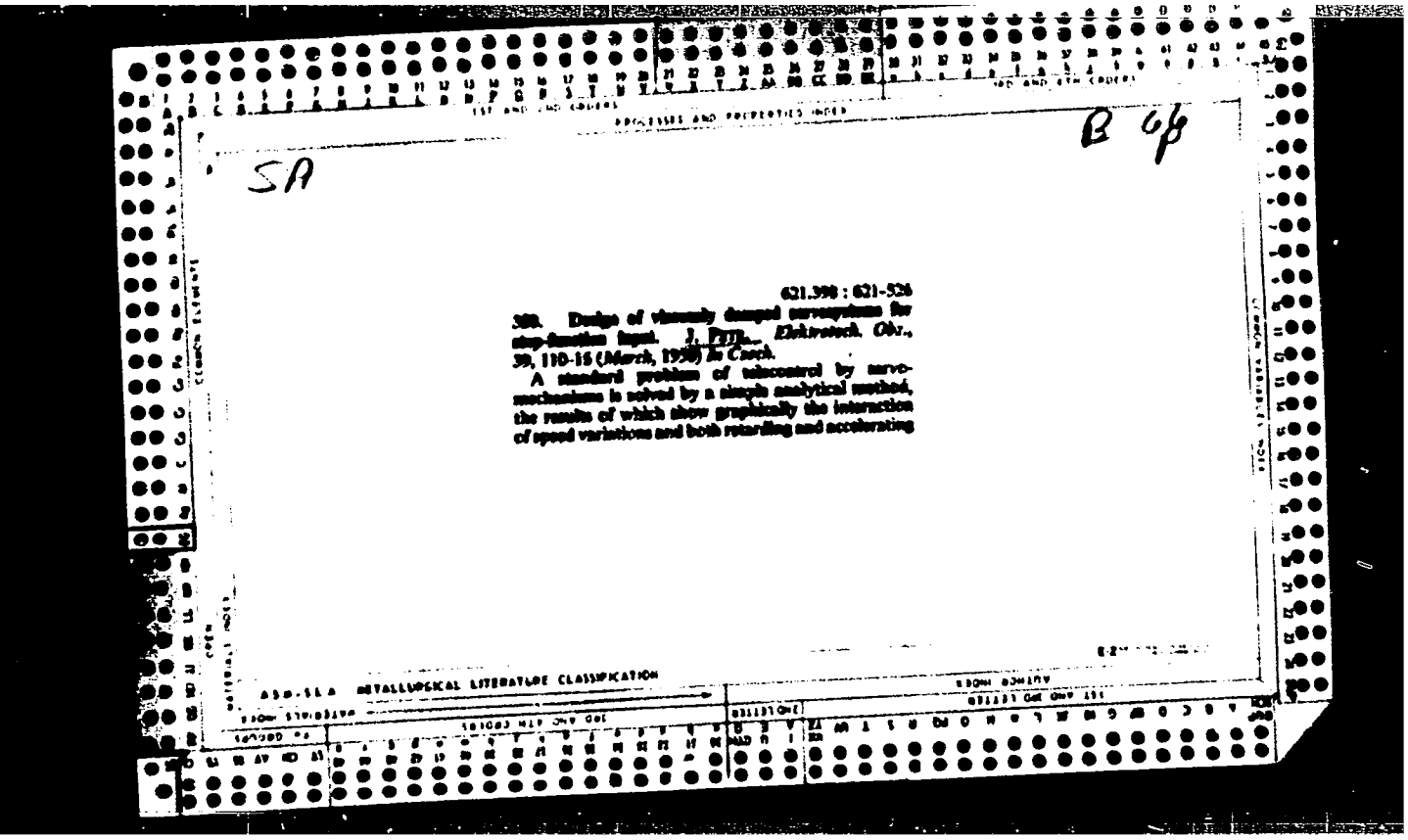

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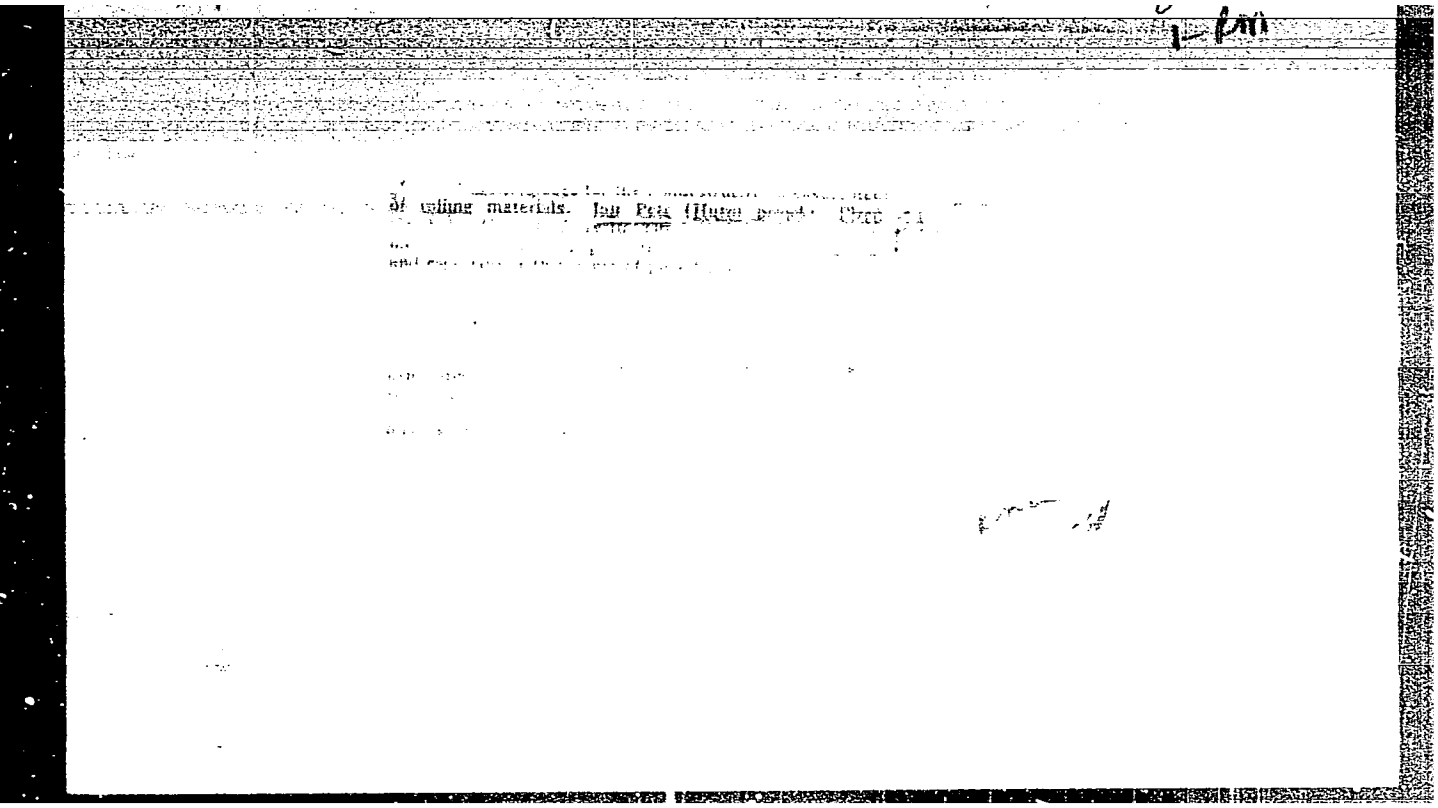
"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, J., Inz.

"New method of recovering and purifying the fuel gas produced by the UG process" by J.Herrmann, T.Hearbrucker. Reviewed by J.Petr. Hut listy 19 no. 6:444-445 Je '64.

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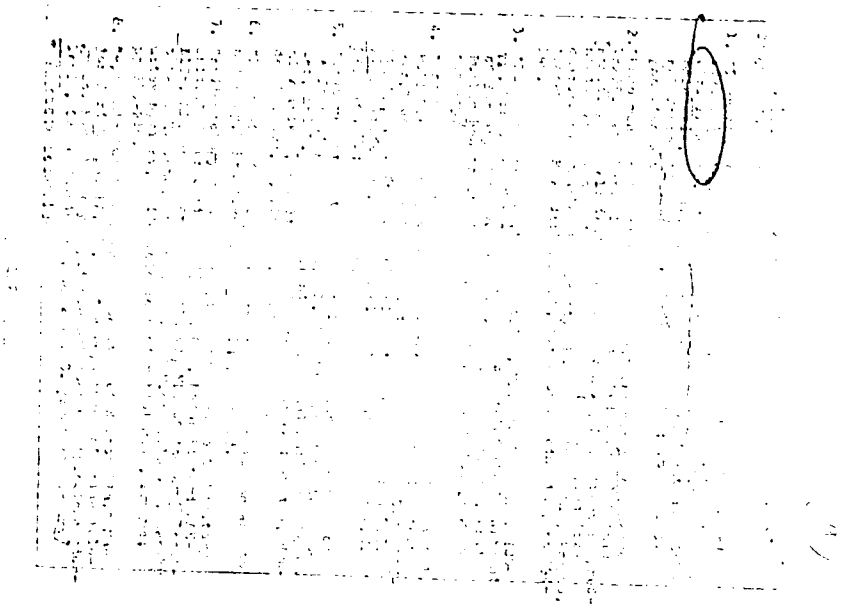
"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, J.



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

ČERNÝ, V., inz.; MALIK, Jiri, inz.; MALY, V., inz., dr.; PROTIVA, K., inz.; JICINSKÝ, J., inz., dr.; HECVAR, J., inz.; PETR, J., inz.

Information on metallurgy. Hut listy 18 no.1:57-68 Ja '63.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, J.

Petr, J. Use of radioisotopes for noncontact measurement of rolling materials. p. 346. HUTNICKE LISTY. Brno. Vol. 10, no. 6, June 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, J.

Use of radioisotopes for noncontact measurement of rolling materials. p. 340.
HUTNICKE LISTY, Brno, Vol. 10, no. 4, Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, J.

"Special features in the stage evolution of Czech spring-winter wheat."

VESTNIK. Praha, Czechoslovakia, Vol. 5, No. 7/8, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, J.

Improvers and waste products, p.5. (Technicke Noviny. Praha, Vol 2, No. 16, August 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, J.

Mechanisation in Rolling Mills. J. Petr. (*Hutnické Listy*, 1954, 9, Doc., Supplement, 31-35).—[In Czech]. The use of servo-mechanisms for sheet-thickness control, and automatic collar control, is discussed, and the savings which will probably result are estimated.—P. F.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR J

Sources of Radiant Energy for Measurements without Contact. J. Petr. (Hutnicki Listy, 1954, 9, Dec., Supplement 38-39). Im Czech.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, JAN

CZECH

12778* Using Radioisotopes for the Non-Contacting Measurement of Rolling Materials. Použití radioaktivních zářičů pro bezdotykové měření válcovaných materiálů. (Czech.) Jan Petr. *Hutnické Listy*, v. 10, no. 6, June 1955, p. 348-352.

Summarizes the different methods of the non-contacting measurement and gives the advantages of method using radioisotopes, especially, the use of pure β-ray sources for thickness of thin sheets and foils. Graphs. 11 ref.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Jiri, inz.

Types of designs and the placement of main parts of cableways. Les cas 9 no. 11: 1025-1034 N '63.

1. Vyzkumny ustav lesniho hospodarstvi a myslivosti, Zbraslav-Strnady, Vyzkumna stanice Krtiny.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Jiri, inz.

Bottom discharge of steel from the 200 t teeming ladle. Hut listy 18 no.8:553-562 Ag '63.

1. Vitkovicke zelezarny Klementa Gottwalda, Ostrava.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Josef

Hydraulic cutting machine Roxor for concrete reinforcing bars.
Nova technika no.7:309 '60.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

Petr, K.

Petr, K. On alternating functions in a cyclotomic field. Rozpravy II. Třídy České Akad. 50, no. 3, 12 pp. (1940). (Czech)

Gauss proved [Werke, v. 2, pp. 155–158] that

$$(1) \qquad \sum_{k=1}^{P-1}\left(\frac{k}{P}\right)\alpha^k=\psi_P(\alpha),$$

where P is an odd squarefree number, α a primitive root of $x^P=1$, and

$$\psi_P(\alpha)=(\alpha-\alpha^{-1})(\alpha^3-\alpha^{-3})\cdots(\alpha^{P-2}-\alpha^{-P+2}).$$

The author calls attention to Cauchy's little known proof of (1) [J. Math. Pures Appl. 5, 154–168 (1840)] for odd primes P and shows how this proof can be extended to the general case of any odd squarefree P by means of the identity $\psi_{P_1}(\alpha_1)\psi_{P_2}(\alpha_2)=\psi_P(\alpha)$, where P_1, P_2 are odd, squarefree and relatively prime, α_i primitive roots of $x^{P_i}=1$, $P=P_1P_2$ and $\alpha=\alpha_1\alpha_2$. The proof is purely algebraic [illegible] does not use the representation [illegible] and rests mainly on the law of [illegible] Jacobi symbol $\left(\frac{P}{Q}\right)$. A simple proof of this law based on the alternating function

$$\varphi(\alpha)=\prod_{k=1}^{\frac{1}{2}(P-1)}(\alpha^k-\alpha^{-k})$$

is offered. By definition of $\left(\frac{Q}{P}\right)$, $\varphi(\alpha^Q)=\left(\frac{Q}{P}\right)\varphi(\alpha)$. If α, β are primitive roots of $x^P=1$, $x^Q=1$, and if

$$W=\prod(\alpha^j\beta^k-\alpha^{-j}\beta^{-k})$$
$$j=1,2,\cdots,\tfrac{1}{2}(P-1);\ k=1,2,\cdots,Q-1,$$

then $W\varphi(\alpha)=\varphi(\alpha^Q)$, whence $W=\left(\frac{Q}{P}\right)$. Similarly,

$$W'=\prod(\alpha^j\beta^k-\alpha^{-j}\beta^{-k})$$
$$j=1,2,\cdots,P-1;\ k=1,2,\cdots,\tfrac{1}{2}(Q-1),$$

is equal to $\left(\frac{P}{Q}\right)$. But W' is obtained from W [illegible] signs of [illegible]

Source: Mathematical Reviews, Vol. 10, No. 1

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

Pete, K.

Petr, K. Sur le calcul effectif des nombres de Bernoulli. Aktuárské Vědy 8, no. 3, 89–94 (1937).

Writing the Staudt-Clausen theorem in the form

$$(-1)^{r-1}B_r = E_r + \tfrac{1}{2} - \sum_p 1/p, \qquad p-1 \mid 2r,\ p > 3,$$

and substituting the recurrence

$$\sum_i ((s+1)_{2i+1} + s_{2i+1})B'_{s-i} = 0, \qquad B'_k = (-1)^{k-1}B_k,$$

where s_i denotes a binomial coefficient, the author discusses the computation of E_r and B_r. The recurrence is made more usable for numerical work by first computing the numerator corresponding to $\frac{1}{6}$, $\frac{1}{8}$, $\frac{1}{4}$. Some details are given for the computation of E_{15} and E_{16}.

L. Carlitz.

Source: Mathematical Reviews, Vol 11 No. 4

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.

Petr, K. Über die Bernoullischen Polynome. Acad. Tchèque Sci. Bull. Int. Cl. Sci. Math. Nat 44, 511–526 (1943).

Polynomials $\phi_k(x)$ are defined by means of $\phi_k(x+1)-\phi_k(x)=x^k$, $\phi_k(0)=0$, where k is a positive integer. The author considers the representations

$$\phi_{2r-1}(x)=c_0^{(r)}\mathfrak{A}_r(x)+\cdots+c_{r-1}^{(r)}\mathfrak{A}_1(x),$$

$$\phi_{2r}(x)=d_0^{(r)}\mathfrak{B}_r(x)+\cdots+d_{r-1}^{(r)}\mathfrak{B}_1(x),$$

where

$$\mathfrak{A}_k(x)=\frac{1}{2k}\prod_{i=-k}^{k-1}(x+i),\quad \mathfrak{B}_k(x)=\frac{2x-1}{2(2k+1)}\prod_{i=-k}^{k-1}(x+i).$$

He proves (1) that the coefficients $c_j^{(r)}$, $d_j^{(r)}$ are positive integers, (2) $c_j^{(r)}=d_j^{(r)}$, $0\leqq j<r$, (3) $c_j^{(r)}=c_j^{(r-1)}+(r-j)^2c_{j-1}^{(r-1)}$, $c_0^{(r)}=d_0^{(r)}=1$. Various congruential properties of the $c_j^{(r)}$ are also proved and applied to the Bernoulli and related num-

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETRAK

Petr, K.: **Eine Identität aus der Theorie der symmetrischen Funktionen und ihre Anwendung.** Acad. Tchèque Sci. Bull. Int. Cl. Sci. Math. Nat. 43, 144-162 (1942).

The identity proved is in form identical with the known expression of monomial symmetric functions in terms of power sum, but has an extended meaning: the monomial function of x parts becomes a sum over x sets of variables, each set having N elements; and the power sum with index s a sum of s parts of the monomial function becomes a sum over a product of s variables, the kth term containing the kth variable from each of the sets indicated by the parts. It is used to generalize Newton's equations and the relations of Hammond operators to symmetric functions of [illegible] several systems of variables, reaching known results [cf. P. A. MacMahon, Combinatory Analysis, vol. I, Cambridge University Press, 1915, pp. 96ff. et seq.].

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.

Petr, K. On the generating function in normal form for the number of invariants of a binary form of degree 12. Rozpravy II. Třídy České Akad. 56, no. 10, 16 pp (1946). (Czech)

This continues the paper reviewed above by working out the NGF of a binary 12ic ($n=12$). Two different methods of calculation lead to the same results; again, the terms of the numerators are free from negative signs. Single generating functions, as originally developed by Cayley and Sylvester, have been computed, that for $n=12$ being the most advanced [see Sylvester, Amer. J. Math. 4, 41–61 (1881) = Collected Mathematical Papers, v. 3, pp. 489–508; Franklin, Amer. J. Math. 3, 128–153 (1880)].

H. W. Turnbull (St. Andrews).

Source: Mathematical Reviews, Vol. [illegible] No. [illegible]

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.

Petr, K. On the generating functions for the number of invariants belonging to a system of two binary forms. Rozpravy II. Třídy České Akad 56, no. 14, 15 pp. (1946). (Czech)

This work continues the theory of normal generating functions (NGF) developed in the three papers reviewed above by extending the results to systems of two binary forms. If the generating function for one nic form is written $(t-t^{-1})/f(a, n)$, that for an $m$ic and an $n$ic would be $(t-t^{-1})/f(a, m)f(b, n)$. This requires partial fractions to express its NGF, each of whose denominators consists of $m+n+1$ or less factors. In particular, the cases of two cubics, two quartics, and a cubic and a quartic are considered. *H. W. Turnbull* (St. Andrews).

Source: Mathematical Reviews, Vol No.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.

Petr, K. Ein Satz über die Koeffizienten symmetrischer Funktionen. Acad. Tchèque Sci. Bull. Int. Cl. Sci. Math. Nat. 43, 132-143 (1942).

The theorem in question relates the coefficients in the expansion of a monomial symmetrical function, say $S_0=[l_0 r_0 \cdots s_0]$, in terms of elementary functions $a_k=(-)^k(1^k)$ to corresponding coefficients in the expansions of its Hammond derivates, $S_k=[l_k r_k \cdots k^{(k)} \cdots s_k]$. If a term in the expansion of S_0 is

$$A^{(0)}a_{q_0}^{l_0}a_{q_1}^{l_1}\cdots a_{q_t}^{l_t}, \quad \sum q_i l_i=\sum i p_i=w,$$

and $q_0=s$, the corresponding term in the expansion of S_1 is $A^{(1)}a_{q_0-1}a_{q_1}^{l_1-1}\cdots a_{q_t}^{l_t}$ and the identity states that $\sum_0^t l_i A^{(i)}=0$, with l_i counting any repetitions of a_{q_0-i} which appear ($l_0=r_0$). The proof is by Hammond's operators, the fundamental properties of which the author re-derives. The theorem provides a neat and quick means of finding expansions of monomial functions from those of lower weight.

J. Riordan (New York, N. Y.).

Source: Mathematical Reviews, Vol [illegible] No. [illegible]

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.

Petr, K. Generalization of results on the generating function giving the number of invariants for a binary form of given degree. Rozpravy II. Třídy České Akad. 56, no. 8, 22 pp. (1946). (Czech)

This work continues the investigation of the normalized generating function (NGF) for a binary nic [see the preceding review]. On writing $n = 2m-1$ or $2m$, according to its parity, the author emphasizes the importance of m; the NGF has $m-1$ partial fractions in all cases. The cases $n = 9, 10$ are calculated, and as before the terms in the numerators of the partial fractions are free from negative signs. It is conjectured that this happens for all values of n. In each partial fraction the denominator has n factors, each of the type $1-a^t t^r$. Each denominator is obtained by omitting $m-2$ factors from the least common multiple of the denominators which is a product of $n+m-2$ such factors. For example, with $n=7$, $(1-a^4)(1-a^6)\cdots(1-a^{12})(1-at)(1-at^2)(1-at^3)(1-at^4)(1-at^5)$ has 9 factors. On removing from this product two consecutive factors of the consecutive set $(1-a^5)\cdots(1-a^{12})(1-at)(1-at^2)$ in all possible ways (three in fact), the results are the required denominators. Rules for finding the numerators are given, but are much more elaborate.

H. W. Turnbull (St. Andrews).

Source: Mathemat

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.

One of the honored workers. p.6. (Technicke Noviny, Praha, Vol. 2, No. 23, Dec. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

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9(2) PHASE I BOOK EXPLOITATION CZECH/1256

Petr, Miroslav, Engineer

Superreakční přijímače (Superregenerative Receivers) [Prague] Naše vojsko, 1957. 102 p. (Series: Knižnice radiotechniky, sv. 23) 4,500 copies.

Resp. Ed.: Ditmarová, Bohumira

PURPOSE: The book is intended for radio amateurs.

COVERAGE: The author discusses the principle of superregeneration and describes the construction of superregenerative receivers and their components. He also presents methods of analytical and graphical calculation of receiver performance. No personalities are mentioned. There are 20 references, of which 10 are English, 4 German, 4 Czech, 1 Soviet, and 1 French.

Card 1/4

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Superregenerative Receivers CZECH/1256

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, M.

Calculation for a receiver with linear superregeneration. p. 35.

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 2. Feb. 1955

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 8, August 1959
Uncl.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, M.

"A degenerative stabilizer with a cascade amplifier." p. 338

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No.11, Nov., 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, M.

SDELOVACI TECHNIKA (Telecommunication Engineering, Czechoslovakia)
Vol 3, No. 2, February, 1955

Design of a receiver with linear superregeneration.
The principle of superregeneration is briefly explained and the theory of a superregenerative receiver is given; frequency of the current in the tuned circuit of the receiver is determined, and expressions for gain, selectivity and attenuation of high frequency oscillations are derived; factors affecting the choice of the shape of quenching pulses and their repetition frequency are discussed. Design of a receiver (for two types of tubes) is carried out, the results being reported in two tables. Two practical circuits employing automatic gain control are described: a receiver, in which the control bias is applied to the grid of the superregenerative circuit and a receiver with controlled amplitude of quenching pulses.
35-40
By M. Petr, ...

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, O.

Servicing, assembling, and using harvester balers. p. 291

MECHANISACE ZEMEDELSTVI. (Ministerstvo zemedelstvi) Praha

Vol. 5, no. 15, Aug. 1955

East European Accessions List Vol. 5 No. 1 Jan. 1956

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

CZECHOSLOVAKIA

MINARIK, Pavel, MVDr; DYAL, Borivoj, MVDr; PETR, Otakar, MVDr

1. Vratislavice nad Nisou (for Minarik and Dyal); 2. Jamska (for Petr)

Brno, Veterinarstvi, No 3 [March] 1967, pp 118-122

"Infectious nephritis in poultry."

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

MAIEK, E., inz.; PETR, P., inz.

Experience with the block assembling of steam boilers with an output of 125 tons per hour. Energetika Cz 6 no.9:381-390 S '56.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, P.; MALEK, E.

Experience in the block assembling of steam boilers with an output of 125 tons per hour. p. 331. (ENE GETIKA, Vol. 6, No. 9, Sept 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Rudolf

Treatment of resistant migraine by selective denervation of the dura. Cas. lek. cesk. 97 no.5:139-143 31 Jan 58.

1. Neurochirurgicka klinika VLA J. Ev. P. v Hradci Kralove, prednosta prof. Rufold Petr.

(MIGRAINE, ther.
selective denervation of dura in resist. migraine (Cz))
(DURA MATER
selective denervation in resist. migraine (Cz))

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

CZECHOSLOVAKIA

Palik, K., MD, Prof., Jeřábek, V., and Jeřábek, K., Clinic of Neurosurgery (Neurochirurgická klinika), Faculty of Medicine (Lékařská fakulta), Charles University, Hradec Králové, Dr K. Palik, director; and Institute of Pathological Anatomy (Patologickoanatomický ústav), Faculty of Medicine, Charles University, Hradec Králové, Prof. A. Fingerland, MD, director [except for Palik affiliations cannot be determined].

"Results of Surgical Treatment of Intracranial Aneurisms."

Prague, Ceskoslovenska neurologie, Vol XXVI(LIX), No 5, September 63, pp 297-300.

Abstract [Authors' English summary]: A surgical treatment of saccular intracranial aneurisms at a stage when clinical symptoms are absent is fully justified. Good results are due partly to the favorable state of health of the patient and partly to the advance made in surgical technique. The purpose of the operation is to prevent further hemorrhage. Results of surgical treatment at an acute stage are poor and an operation alone is not enough to improve conditions. Tables are including with information on surgical treatment. Twenty-two references, including 3 Czech and 7 Russian.

1/1

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SOURCE CODE: CZ/0082/65/028/006/0408/0411

ACC NR: AM[illegible]

AUTHOR: Nadvornik, P.; Petr, R.; Rezac, O.; Schindlery, C.

ORG: Neurosurgical Clinic, Medical Faculty, Charles University/headed by Professor, Doctor R. Petr/, Hradec Kralove (Neurochirurgicka klinika lekarske fakulty KU); [Nadvornik] Faculty Hospital, Hradec Kralove (Fakultni nemocnice)

TITLE: Several suggestions for improved methods of stereotactic operation

SOURCE: Ceskoslovenska neurologie, v. 28, no. 6, 1965, 408-411

TOPIC TAGS: tracer study, surgery, gland

ABSTRACT: [Authors' English summary modified]: On the basis of a study of 162 stereotactic X-rays, the authors suggest changing the auxiliary point in hypophysectomy to a point closely anterior to the tuberculum so as to reduce the dispersion angle above the sellar diaphragm. A stereotactic map showing the relationship of the 3rd ventricle or the chiasma to the sella is shown; this may be used to find the position of isotopes placed in the sella. Correlation of X-ray and anatomical foramen of Monroe is presented and the use of its lower edge as reference point recommended. A method of computing coordinates of subcortical structures is described. A simplified method of finding individual points in the anterior complex of thalamic nuclei is discussed. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none / OTH REF: 006

Card 1/1

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

CZECHOSLOVAKIA

PETR, R.; NADVORNIK, P.; Neurosurgical Clinic, Medical Faculty, Charles University (Neurochirurgicka Klinika Lekarske Fakulty KU), Hradec Kralove, Head (Prednosta) Prof Dr R. PETR.

"Results of Radical Extirpation of Acoustic Neurinoma."

Prague, Ceskoslovenska Neurologie, Vol 29, No 5, Sep 66, pp 301 - 304

Abstract [Authors' English summary modified]: Results of radical operations for acoustic neurinoma carried out at the Faculty Clinic at Hradec Kralove are presented. 63 operations were performed; 14 patients died, 44 were able to lead a useful life after the operation. When the diagnosis is made early enough to allow an approach through the internal auditory canal, the prognosis and results are good. 5 Tables, 7 Western, 2 Czech, 1 Russian reference.

1/1

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Rudolf, prof. MUDr. ; PINSKER, Premysl; NADVORNIK, Pavel; DVORAK, Karel.

Partial stereotaxic radiation hypophysectomy in the central form of Cushing's syndrome. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:253-260 '64.

1 Neurochirurgicka klinika (prednosta: prof. MUDr. R. Petr); Karlovy University v Hradci Kralove; Ustav experimentalni terapie, Praha (prednosta: doc. MUDr. O. Smahel), a Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky, DrSc) Lekarske fakulty Karlovy University.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

NADVORNIK, P.; PETR, R.; KROO, M.; MALEC, R.

Cerebellar activity examined during neurosurgical interventions. Cesk. neurol. 27 no.6:379-383 N '64.

1. Neurochirurgicka klinika lekarske fakulty Karlovy University v Hradci Kralove, (prednosta prof dr. R. Petr).

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, R.; KROO, M.; MALEC, R.

On surgical problems in some variations of spongioblastoma of the brain stem. Cesk. neurol. 27 no.6:384-388 N '64.

1. Neurochirurgicka klinika lekarske fakulty Karlovy University v Hradci Kralove, (prednosta prof. dr. R. Petr).

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

CZECHOSLOVAKIA

KABELIK, P., [illegible], [illegible], SCHIMMERY, O., [illegible], ..., Clinic of Neurosurgery (Neurochirurgická klinika), Faculty of [illegible] (Lékařská fakulta), Charles University, Hradec Králové, Prof. Dr. M. P.E., director; and the Chair of Forensic Medicine (Katedra soudního lékařství), Faculty of Medicine, Charles University, Hradec Králové; except for Dr P.K individual affiliations cannot be determined.

"Topometry of Cerebellar Nuclei."

Prague, Československá fysiologie, Vol XXVI(LIX), No 5, September [illegible], pp 384-386.

Abstract [authors' English summary]: A system of coordinates is suggested for stereotactic localization of cerebellar nuclei relative to a line of reference drawn from the commissura posterior to the fastigium. Topometrical maps of these structures were plotted in three planes at right angles. Twelve references.

1/1

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

SKAUNIC, V.; PETR, R.; CHROBAK, L.

Successful outcome following partial dextrolateral prefrontal lobotomy in ulcerative colitis. Cesk. gastroent. vyz. 17 no.4: 227-230 Je '63.

1. I interni klinika, zast. prednosta doc. dr. Fr. Cernik, a neurochirurgicka klinika, prednosta prof. dr. R. Petr, lekarske fakulty KU v Hradci Kralove.
(PSYCHOSURGERY) (COLITIS, ULCERATIVE)
(CACHEXIA) (BLOOD PROTEIN DISORDERS)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

NADVORNIK, P.; PETR, R.; NEMECEK, St.; SCHINDLERY, C.; BERAN, J.

Topometry of the cerebellar nuclei. Cesk. neurol. 26 no.5: 304-306 S '63.

1. Neurochirurgicka klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. R. Petr Katedra soudniho lekarstvi lekarske fakulty KU v Hradci Kralove.
(CEREBELLUM) (NEUROSURGERY) (ANATOMY)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.; PINSKA, P.

Subtotal hypophysectomy in malignant exophthalmos. Cesk. ofth. 13 no.4: 261-267 Aug 57.

1. Neurochirurgicka klinika, predn.sta prof. Dr K Petr, I. interni klinika, prednosta prof. Dr J. Rehor, Vojenska lekarska akademie Jana Ev. Purkyne, Hradec Kralove.

(EXOPHTHALMOS, ther.
hypophysectomy, subtotal, in malignant exophthalmos (Cz))
(HYPOPHYSECTOMY, in various dis.
subtotal, in malignant exophthalmos (Cz))

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, K.

KLIMA, M.; PETR, R.; STEINHAUSOVA, L.; HORAK, S.

Surgical treatment of prechiasmatic arachnoiditis complicated by incarceration of the intracanalicular segments of the optic nerves. Cesk. ofth. 13 no.4:259-260 Aug 57.

1. Cent a neurochirurgicka klinika VLA J. Ev. P., prednosta prof. Dr M. Klima a prof. Dr. R Petr.

(ARACHNOID, dis.
arachnoiditis, prechiasmatic, with incarceration of intracanalicular segments of optic nerves, surg. (Cz))
(NERVES, OPTIC, dis.
incarceration of intracanalicular segments in prechiasmatic arachnoiditis, surg. (Cz))

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, R.

KROO, M.; BASTECKY, J.; PETR, R.

Intracranial intradural epidermoids. Rozhl. chir. 36 no.9:577-588 Sept 57.

1. Neurochirurgicka a radiologicka klinika VLA JEvP, Hradec Kralove.
(BRAIN NEOPLASMS, surg.
epidermoids (Cz))

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, R.; VORTEL, V.; JINDRAK, K.

Results of surgical treatment of intracranial aneurysms.
Cesk. neurol. 26 no.5:297-300 S '63.

1. Neurochirurgicka klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. R. Petr Patologickoanatomicky ustav lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. A. Fingerland.

(CEREBRAL ANEURYSM) (VASCULAR SURGERY)
(SUBARACHNOID HEMORRHAGE) (CEREBRAL HEMORRHAGE)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

BEDRNA, J.; MLADEK, A.; PETR, R.; PROCHAZKA, J.

Novocain block of the stellate ganglion and stellectomy in vascular disorders of the upper extremities and in angina pectoris as seen on the electrocardiogram. Lek.listy 6 no.5:136-141 1 Mar 51. (CLML 20:6)

1. Of the Surgical Clinic of the Medical Faculty Branch in Hradec Kralove (Head--Prof.J.J.Bedrna,M.D.).

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

NADVORNIK, P.; PETR, R.; REZAC, O.; SCHINDLERY, C.

A few remarks on the methods of stereotaxic operations. Cesk. neurol. 28 no.6:408-411 N '65.

1. Neurochirurgicka klinika lekarske fakulty Karlovy University v Hradci Kralove (prednosta: prof. dr. R. Petr.).

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

NADVORNIK, P.; PETR, R.; PELIKAN, V.

Higher nervous activity changes in stereotaxic thalamotomy. Activ. nerv. sup. 4 no.2:160 '62.

1. Neurochirurgicka a psychiatricka klinika lekarske fakulty Karlovy university v Hradci Kral.

(NEUROSURGERY) (CENTRAL NERVOUS SYSTEM physiol)
(THALAMUS surg)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Rudolf

Clinical contributions to the knowledge of pathology of diseases of the arteries of the lower extremities. Cas. lek. cesk. 99 no.25: 767-771 17 Je '60.

1. Neurochirurgicka klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. MUDr. R. Petr.
(VASCULAR DISEASES PERIPHERAL pathol.)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, RUDOLF

PETR, Rudolf

Hradec Kralove parts with academician Jan Bedrna. Cas. lek. cesk. 95 no.46:1293 16 Nov 56.

(OBITUARIES,
Bedrna, Jan (Cz))

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, R., doc. Dr

Surgical problem of saccular aneurysm of the middle cerebral artery. Rozhl.chir. 34 no.4:229-239 Apr '55.

1. Z neurochirurgicke kliniky VLA v Hradci Kralove
(BRAIN, blood supply
middle artery, saccular aneurysm, surg.)
(ANEURYSM
cerebral artery, middle, surg.)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, R.

Importance of early diagnosis of cerebral tumors. Prakt.lek. 30 no.1: 3-6 Ja '50. (CIML 19:3)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, R

VAVRA, R.;PETR, R.;LEDINSKA, M.

Certain plethysmographic reactions of the brain and the fingers in men. Sborn. lek., Praha 54 no. 1-2:5-11 1952. (CLML 22:4)

1. Of the Institute of General and Experimental Pathology (Head--Prof. R. Vavra, M. D.) and of the Surgical Clinic (Head--J. Bedrna, M. D.), Hradec Kralove.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, R.; NADVORNIK, P.

Surgical therapy of aneurysms of the anterior cerebral artery. Vop.neirokhir. 24 no.1:3-7 Ja-F '60. (MIRA 13:10)
(INTRACRANIAL ANEURYSMS)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

NADVORNIK, Pavel; PETR, Rudolf; BERAN, Jiri; DROZEN, Vladimir; PARIZEK, Jan; SCHINDLERY, Ctibor.

High frequency generator for stereotactic electrocoagulation constructed by the authors. Sborn.ved.prac.lek.fak.Karlov. Univ.(Hrad.Kral.) 6 no.3:331-334 '63.

1. Neurochirurgicka klinika, Universita Karlova (prednosta: prof., MUDr. R.Petr).

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

NADVORNIK, Pavel; PETR, Rudolf; PEREGRIN, Jaroslav

Relation of vitamin B6 to epilepsy. Sborn.ved.prac.lek.fak. Karlov. Univ. (Hrad.Kral.) 6 no.5:569-571 '63.

1. Neurochirurgicka klinika (prednosta: prof. MUDr.R.Petr) Katedra fyziologie (prednosta: prof., MUDr. J.Metka), Karlovy univ., z Hradci Kralove.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Rudolf; NADVORNIK, Pavel.

Problems in stereotactic thalamotomy (VOA-VOP) in parkinsonism. Sborn.ved.prac.lek.fak.Karlov.Univ. (Hrad.Kral.) 6 no.3:295-299 '63.

1. Neurochirurgicka klinika, Universita Karlova; prednosta: prof., MUDr. R.Petr.

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MENSIKOVA, Zdenka; NADVORNIK, Pavel; PETR, Rudolf

Electroencephalogram of the Parkinson's syndrome in connection with stereotaxic thalamotomy. Acta Univ. Carol. [med.] (Praha) 10 no.4:243-260 '64.

1. Clinic of Neurosurgery of the Medical Faculty of Charles University in Hradec Kralove (Head Prof. MUDr. R. Petr).

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PETR, Rudolf; NADVORNIK, Pavel

Extrapyramidal hyperkinesis arising after stereotactic thalamotomy in parkinsonism. Cesk. neur. 24 no.5:289-294 S '61.

1. Neurochirurgicka klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. R. Petr.

(PARALYSIS AGITANS surgery) (THALAMUS surgery)
(EXTRAPYRAMIDAL TRACTS dis)

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PETR, Rudolf; KROD, Michal; MALEC, Rudolf

Surgery of pressure lesions of the optic nerve, chiasm and optic tracts.
Cesk. ofth. 17 no.4/5:244-247 Jl '61.

1. Lekarska fakulta Karlovy university v Hradci Kralove, katedra I chirurgie, prednosta prof. MUDr. R. Petr.

(OPTIC NERVE diseases)
(BRAIN NEOPLASMS surgery)

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NADVORNIK, P.; PETR, R.

The effect of stereotactic operations of the subcortical structures on the EEG. Cesk. neur. 24 no.5:318-323 S '61.

1. Neurochirurgicka klinika v Hradci Kralove, prednosta prof. dr. Rudolf Petr.

(ELECTROENCEPHALOGRAPHY) (BRAIN surgery)

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PETR, Rudolf, Lt Col, Dr, Hradec Kralove Military Medical Academy

Coauthor, with Capt Dr R. MALEC, of article, "Surgical Treatment of Prolapses of the Intervertebral Disk," dealing with surgical treatment of some 199 patients who suffered such conditions.
(VZL, Nov 54)

SO: Sum. 436, 30 March 1955

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PETR, Rudolf; KROO, Michal; MALEC, Rudolf

Surgical treatment of pressure lesions in the region of the chiasm. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) 4 no.2:177-202 '61.

1. Neurochirurgicka klinika: prednosta prof. MUDr. R. Petr. nositel Radu praco.

(BRAIN NEOPLASMS surgery)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

Z/040/63/000/002/001/002
E192/E382

AUTHOR: Petr, Svatopluk, Engineer

TITLE: Linear programming in air transport

PERIODICAL: Letecký obzor, no. 2, 1963, 39 - 40

TEXT: Linear programming can be used in solving technical and economic problems in air transport. Programming can be employed if: a) various solutions are possible and it is required to adopt one of the possible alternatives; b) the desired alternative gives an economic optimum; c) the solution of the problem takes into account various limiting factors; d) various constant and variable factors can be expressed quantitatively. The following methods of linear programming are most commonly used: 1) the simplex method; 2) the Hungarian method and 3) logic methods (stepwise, exponential, bilateral, preferential, shift, boundary and frequency methods). These methods can be used to solve the problem of controlling the use of air corridors and runways and controlling passengers and loading. As a preliminary to the introduction of the methods, it was decided to work out a plan for modification of all the

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E192/E382

Linear programming ....

aircraft in such a way as to introduce a common denominator and, secondly, to introduce standard radionavigation systems such as VOR Standart or VOR Collins. There is 1 figure.

Card 2/2

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Svatopluk, inz.

Use of repaired aeroplane tires for automobile transportation.
Letecky obzor 6 no.1:22-23 Ja '62.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PETR, Svatopluk, inz.

Linear programming in air transportation. Letecky obzor 7 no.2:39-40 F '63.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

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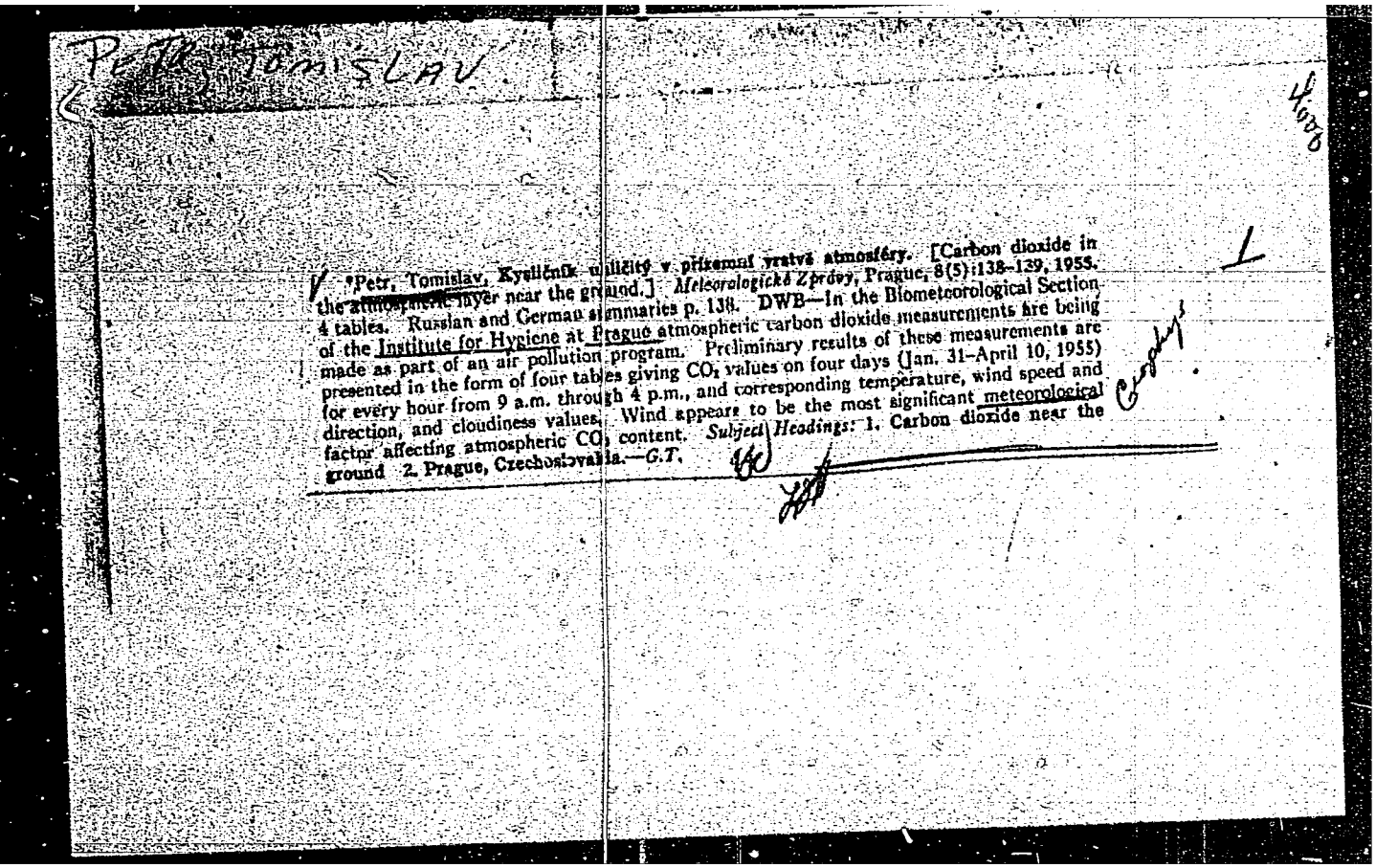

PETR, TOMISLAV

4/0/8

1

Petr, Tomislav, Kysličník uhličitý v přízemní vrstvě atmosféry. [Carbon dioxide in the atmospheric layer near the ground.] *Meteorologické Zprávy*, Prague, 8(5):138–139, 1955. 4 tables. Russian and German summaries p. 138. DWB—In the Biometeorological Section of the Institute for Hygiene at Prague atmospheric carbon dioxide measurements are being made as part of an air pollution program. Preliminary results of these measurements are presented in the form of four tables giving CO_2 values on four days (Jan. 31–April 10, 1955) for every hour from 9 a.m. through 4 p.m., and corresponding temperature, wind speed and direction, and cloudiness values. Wind appears to be the most significant meteorological factor affecting atmospheric CO_2 content. *Subject Headings:* 1. Carbon dioxide near the ground 2. Prague, Czechoslovakia.—*G.T.*

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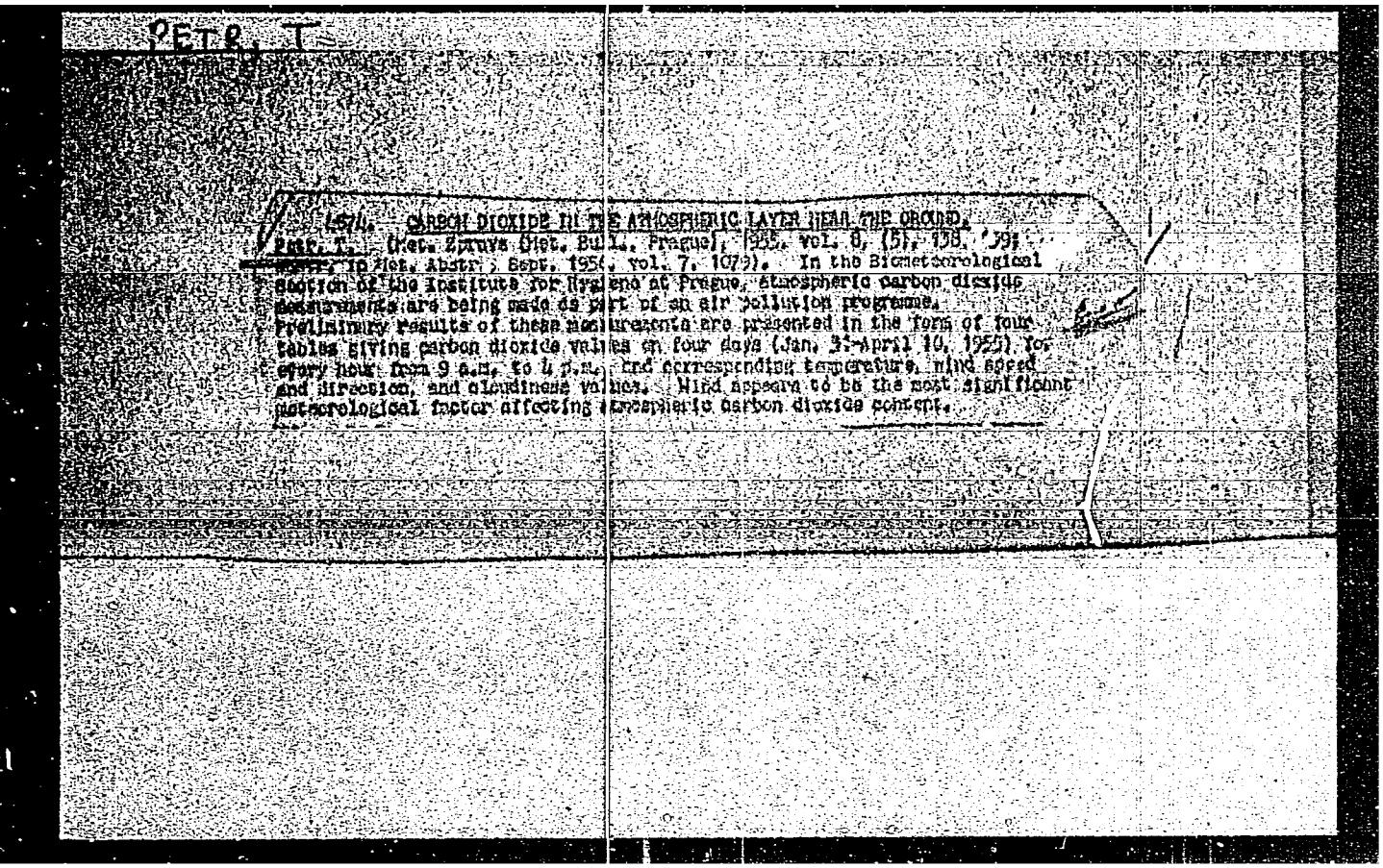

PETR, T.

1574. CARBON DIOXIDE IN THE ATMOSPHERIC LAYER NEAR THE GROUND.
Petr, T. (Met. Zpravy (Met. Bull., Prague), 1955, vol. 8, (5), 138-139;
(Eng. tr. in Met. Abstr., Sept. 1956, vol. 7, 1079). In the Biometeorological
section of the Institute for Hygiene at Prague, atmospheric carbon dioxide
measurements are being made as part of an air pollution programme.
Preliminary results of these measurements are presented in the form of four
tables giving carbon dioxide values on four days (Jan. 31-April 10, 1955) for
every hour from 9 a.m. to 4 p.m., and corresponding temperature, wind speed
and direction, and cloudiness values. Wind appears to be the most significant
meteorological factor affecting atmospheric carbon dioxide content.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

PEIR T.A.

Root systems of the steppe plants of the trans-Ural region.
Vest. LGU 19 no. [illegible] '64 (MIRA 17:8)

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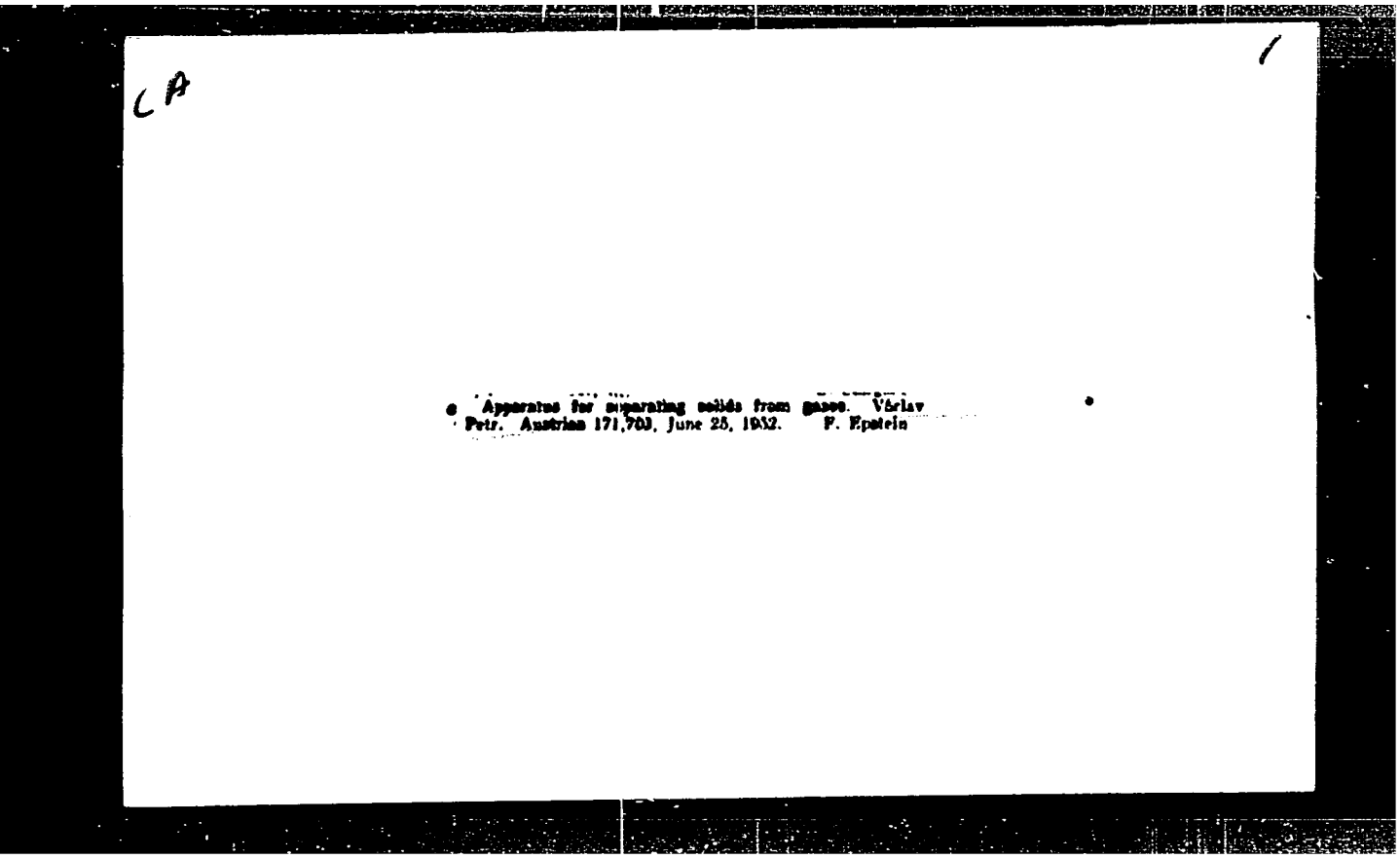

CA

1

Apparatus for separating solids from gases. Vérlav Petr. Austrian 171,703, June 25, 1952. P. Epstein

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

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PETR, V.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application, Part 2. - Ceramics, Glass, Binders, Concretes. - Binders, Concretes and Other Silicate Building Materials. H-12d

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22213

Author : J. Rosa, V. Petr, I. Smahel
Inst : -
Title : Burning of Lime in Powder State.

Orig Pub : Stavivo, 1957, 35, No 7, 259-265

Abstract : An experiment of lime burning in rotating kilns with heat exchangers is described. The daily production of a kiln is 100 tons, the heat consumption is 900 to 1000 kcal per 1 kg of the burnt product.

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PETR, V.

ROSA, I., doktor; PETR, V., inzhener.

Kilning crushed limestone. Stroi.mat.3 no.2:33-34 F '57. (MLRA 10:3)

1. Chekhoslovatskiy institut stroitel'nykh materialov, Brno.
(Brno--Limestone)
(Drying apparatus)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

Z/005/60/000/004/005/016
A121/A126

9.9510

AUTHORS: Petr, Zdeněk, and Snížek, Jaromír, Engineer (Brno)

TITLE: None given

PERIODICAL: Vynálezy, no. 4, 1960, 7

TEXT: (21e, 30/10; Registered June 27, 1959; Patent Application 3805-59). Electronic measuring-point amplifier mainly designed for the measurement of the vibration of roller bearings in operation, installed for the use of a piezoelectric accelerometer with direct characteristic in a wide frequency band, equipped with a measuring instrument calibrated to the physical units of acceleration, with an adjustable two-stage optical signalization and a reproducer, characterized as follows: The first two stages of amplification are common for the main amplifier as well as for the sound amplifier, and the output of the main amplifier is separately rectified by two rectifiers. The rectified voltage is conducted to the grid circuit of two thyratrons, which are blocked by an individually adjustable grid potential.

Card1/1

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00124(

L 04002-67
ACC NR: AP6009355 (A) SOURCE CODE: CZ/0078/65/000/011/0019/0019

INVENTOR: Snizek, Jaromir (Engineer); Petr, Zdenek (Brno)

25
B

ORG: none

TITLE: [A device for measuring electrical or other quantities] CZ Pat. No. PV 6802-64, Class 42b

SOURCE: Vynalezy, no. 11, 1965, 19

TOPIC TAGS: electric measurement, electric measuring instrument, electric quantity instrument

ABSTRACT: A circuit for the measurement of electrical or other quantities is described which permits the measurement of minimal as well as maximal and median values and their errors. The distinguishing feature of the circuit is that during the first phase of measurement it consists of an electrical circuit constituted by two condensers with a series connected rectifier to whose circuit, in the next measurement phase when the voltage reaches a maximum upon the first condenser being disconnected, is connected through the switch contacts either a second rectifier, or the functionally inverted first rectifier with the switch contacts. After measurement has been completed, other switch contacts are connected to the circuit of the two condensers, evaluating the mean voltage, for estimating double the value of the voltage.

SUB CODE: 09/ SUBM DATE: 05Dec64

Card 1/1 mt

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